Argonne NATIONAL LABORATORY | Energy Systems

# Request for Expressions of Interest in Argonne Resistive Coatings

The Energy Systems Division at Argonne has developed a resistive coating technology (US patent applied). We have utilized this technology to functionalize micro-capillary arrays of borosilicate glass to form microchannel plates (MCPs). The performance metrics for these MCPs including gain, uniformity, background, pulse height distribution, and gain versus extracted charge have been measured by our collaborators in the LAPPD project and these results are posted on the project blog: (https://hepblog.uchicago.edu/cdf/cdf2/).

This resistive coating technology is available for licensing, and Argonne is interested in working with companies to transfer this technology into the commercial market. In the Energy Systems Division, we have the capability to coat substrates for evaluation, and to perform research and development to adapt or optimize these resistive coatings to suit the needs of a particular company. This R&D can be in the form of industry-sponsored research, or through US government-funded cooperative programs if such opportunities arise.

We would like to engage in discussions with interested companies.

*For additional information regarding technology transfer at Argonne, please contact:*
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